

=> d his

(FILE 'HOME' ENTERED AT 14:49:42 ON 08 SEP 2006)

FILE 'REGISTRY' ENTERED AT 14:50:10 ON 08 SEP 2006

L1 STRUCTURE UPLOADED  
L2 4 S L1 SSS SAM  
L3 359 S L1 SSS FULL

FILE 'HCAPLUS' ENTERED AT 14:51:42 ON 08 SEP 2006

L4 338 S L3  
L5 1 S L4 AND SULFANYL

FILE 'HOME' ENTERED AT 14:53:33 ON 08 SEP 2006

FILE 'HCAPLUS' ENTERED AT 14:54:08 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 14:54:46 ON 08 SEP 2006

FILE 'HCAPLUS' ENTERED AT 14:57:33 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 14:57:59 ON 08 SEP 2006

L6 1 S 618112-24-6/RN  
SET NOTICE 1 DISPLAY  
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 14:59:19 ON 08 SEP 2006

L7 STR 618112-24-6  
L8 0 S L7 EXA SAM  
L9 1 S 618112-24-6/RN

FILE 'USPATFULL' ENTERED AT 15:00:44 ON 08 SEP 2006

L10 1 S L9

FILE 'REGISTRY' ENTERED AT 15:02:05 ON 08 SEP 2006

SET TERMSET E#  
DEL SEL Y  
SEL L6 1 RN  
L11 1 S E1/RN  
SET TERMSET LOGIN

FILE 'CA' ENTERED AT 15:02:10 ON 08 SEP 2006

L12 1 S L11

FILE 'HOME' ENTERED AT 15:03:33 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 15:04:34 ON 08 SEP 2006

FILE 'HOME' ENTERED AT 15:08:12 ON 08 SEP 2006

FILE 'HCAPLUS' ENTERED AT 15:23:28 ON 08 SEP 2006

L13 68 S L4 AND NORBORNENE  
L14 12 S L3 AND MERCAPTO?  
L15 3 S L4 AND SEX?

FILE 'HOME' ENTERED AT 15:30:27 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 15:52:23 ON 08 SEP 2006

L16 STRUCTURE UPLOADED  
L17 1 S L16 SSS SAM  
L18 295 S L16 SSS FULL

FILE 'HCAPLUS' ENTERED AT 15:53:40 ON 08 SEP 2006

L19 49 S L18

FILE 'HCAPLUS' ENTERED AT 15:57:10 ON 08 SEP 2006

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

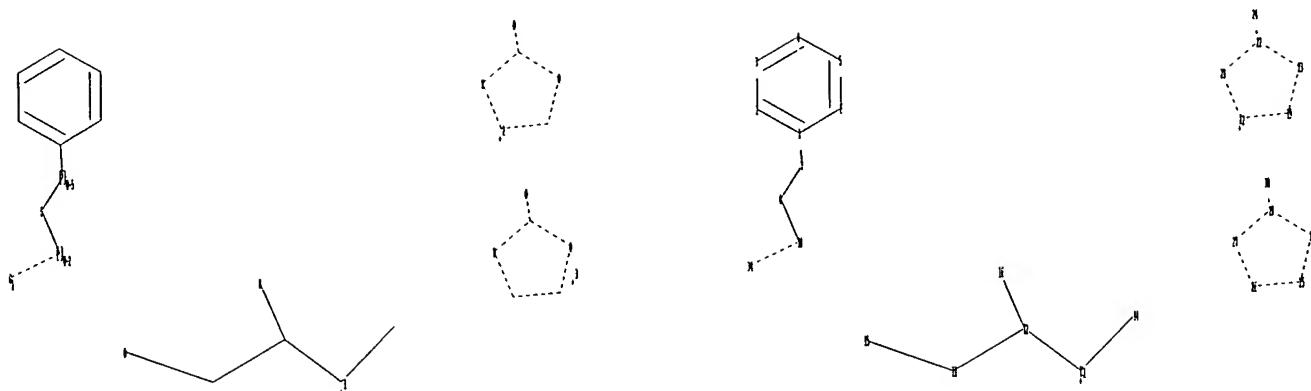
66.45

TOTAL

SESSION

668.11

STN INTERNATIONAL LOGOFF AT 15:58:23 ON 08 SEP 2006



chain nodes :

7 8 11 12 13 14 15 16 18 24 30 34

ring nodes :

1 2 3 4 5 6 19 20 21 22 23 25 26 27 28 29

chain bonds :

1-7 7-8 8-18 11-12 11-15 12-13 12-16 13-14 18-34 22-24 28-30

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 19-20 19-23 20-21 21-22 22-23 25-26 25-29 26-27  
27-28 28-29

exact/norm bonds :

7-8 8-18 11-15 12-16 18-34 19-20 19-23 20-21 21-22 22-23 22-24 25-26  
25-29 26-27 27-28 28-29 28-30

exact bonds :

1-7 11-12 12-13 13-14

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

G1: [\*1], [\*2], [\*3]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 11:CLASS 12:CLASS  
13:CLASS 14:CLASS 15:CLASS 16:CLASS 18:CLASS 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom  
24:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:CLASS 34:CLASS

by reduction)  
IT 871210-78-5P 871210-80-9P 871210-82-1P 871210-84-3P 871210-86-5P  
871210-88-7P 871210-90-1P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(stereoselective preparation of sulfanylalkanols via organocatalyzed asym.  
conjugate addition of thiols to  $\alpha,\beta$ -unsatd. aldehydes followed  
by reduction)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L19 49 ANSWERS HCAPLUS COPYRIGHT 2006 ACS on STN  
CC 10 (Organic Chemistry)  
TI Esters of  $\beta$ -(benzylmercapto)valine and derivatives and intermediates  
thereof  
IT 159000-75-6, Valine, 3-(benzylthio)- 854430-74-3, Butyric acid,  
3-(benzylthio)-3-methyl-2-nitro-  
(esters)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L19 49 ANSWERS HCAPLUS COPYRIGHT 2006 ACS on STN  
CC 10 (Organic Chemistry)  
TI Alkaloid salts of N-formyl-S-benzyl-D-penicillamine  
IT Brucine, compound with L- $\beta$ -(benzylthio)-N-formylvaline  
Quinidine, compound with  $\beta$ -(benzylmercapto)-N-formylvaline  
Quinine, compound with 3-(benzylthio)-N-formylvaline  
IT Valine, 3-(benzylthio)-N-formyl-, D-  
(and their alkaloid salts)  
IT 884311-31-3, Valine, 3-(benzylthio)-N-formyl-, L-  
(and their alkaloid salts)  
IT 39879-63-5, Piperidine, 1-ethyl-, compound with penicillin G 54536-37-7,  
Valine, 3-(benzylthio)-, D-  
(preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d his

(FILE 'HOME' ENTERED AT 14:49:42 ON 08 SEP 2006)

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L1 STRUCTURE UPLOADED  
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L3 359 S L1 SSS FULL

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FILE 'REGISTRY' ENTERED AT 14:57:59 ON 08 SEP 2006

L6 1 S 618112-24-6/RN  
SET NOTICE 1 DISPLAY  
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L7 STR 618112-24-6

L8 0 S L7 EXA SAM  
L9 1 S 618112-24-6/RN

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SET TERMSET E#  
DEL SEL Y  
SEL L6 1 RN  
L11 1 S E1/RN  
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L17 1 S L16 SSS SAM  
L18 295 S L16 SSS FULL

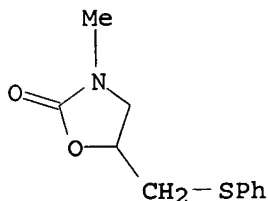
FILE 'HCAPLUS' ENTERED AT 15:53:40 ON 08 SEP 2006  
L19 49 S L18

=> d l19 ibib hitstr

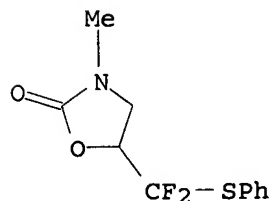
L19 ANSWER 1 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2006:496026 HCAPLUS <<LOGINID::20060908>>  
DOCUMENT NUMBER: 145:8464  
TITLE: Preparation of substituted amino carboxylic acids  
INVENTOR(S): Whitehouse, Darren; Hu, Shaojing; Van Zandt, Michael  
C.; Parker, Garrett  
PATENT ASSIGNEE(S): The Institutes for Pharmaceutical Discovery, LLC, USA  
SOURCE: PCT Int. Appl., 327 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006055725	A2	20060526	WO 2005-US41706	20051117
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,			

L19 ANSWER 2 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2006:477280 HCAPLUS <<LOGINID::20060908>>  
DOCUMENT NUMBER: 145:124491  
TITLE: Synthesis of precursors of gem-difluoro diols and  
amino alcohols using electrochemical and photochemical  
reactions  
AUTHOR(S): Murakami, Satoru; Fuchigami, Toshio  
CORPORATE SOURCE: Department of Electronic Chemistry, Tokyo Institute of  
Technology, Nagatsuta, Midori-ku, Yokohama, 226-8502,  
Japan  
SOURCE: Synlett (2006), (7), 1015-1020  
CODEN: SYNLES; ISSN: 0936-5214  
PUBLISHER: Georg Thieme Verlag  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 897927-88-7  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of precursors of fluoro diols and amino alcs. by radical addition  
of olefins or radical substitution of arenes with  
[fluoro(phenylthio)methyl]dioxolanone and -oxazolidinone)  
RN 897927-88-7 HCAPLUS  
CN 2-Oxazolidinone, 3-methyl-5-[(phenylthio)methyl]- (9CI) (CA INDEX NAME)



IT 897927-89-8P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of precursors of fluoro diols and amino alcs. by radical addition  
of olefins or radical substitution of arenes with  
[fluoro(phenylthio)methyl]dioxolanone and -oxazolidinone)  
RN 897927-89-8 HCAPLUS  
CN 2-Oxazolidinone, 5-[difluoro(phenylthio)methyl]-3-methyl- (9CI) (CA INDEX  
NAME)



REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 3 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2006:456702 HCAPLUS <<LOGINID::20060908>>  
DOCUMENT NUMBER: 145:145992  
TITLE: Functionalized chiral vinyl aminosulfoxonium salts:  
Asymmetric synthesis and application to the synthesis  
of enantiopure unsaturated prolines,  $\beta,\gamma$ -

DOCUMENT NUMBER: 141:225498  
 TITLE: Preparation 2-(sulfo-phenyl)-aminothiazole derivatives with antiproliferative activity  
 INVENTOR(S): Chong, Wesley Kwan Mung; Chu, Shaosong; Duvadie, Rohit Kumar; Li, Lin; Na, Jim; Schaffer, Lana; Yang, Yi  
 PATENT ASSIGNEE(S): Pfizer Inc., USA  
 SOURCE: PCT Int. Appl., 179 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004072070	A1	20040826	WO 2004-IB287	20040203
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2515728	AA	20040826	CA 2004-2515728	20040203
EP 1594866	A1	20051116	EP 2004-707585	20040203
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
BR 2004007456	A	20060131	BR 2004-7456	20040203
JP 2006517577	T2	20060727	JP 2006-502399	20040203
US 2004176431	A1	20040909	US 2004-776450	20040211
PRIORITY APPLN. INFO.:			US 2003-447329P	P 20030212
			WO 2004-IB287	W 20040203

OTHER SOURCE(S): MARPAT 141:225498

IT 746626-44-8P 746626-82-4P 746627-21-4P

746627-59-8P 746627-98-5P 746628-46-6P

RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); THU

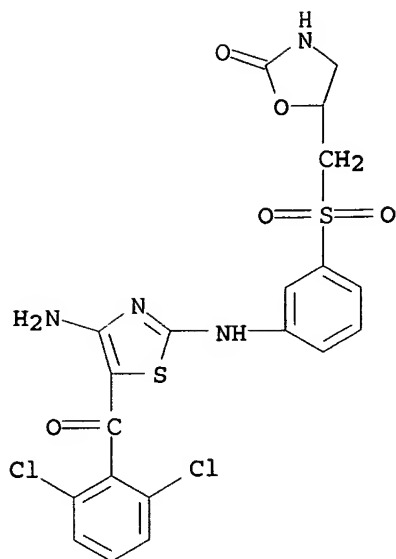
(Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study);

PREP (Preparation); USES (Uses)

(preparation and antiproliferative activity of a combinatorial library of diaminothiazoles via parallel combinatorial techniques)

RN 746626-44-8 HCAPLUS

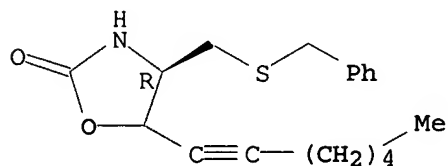
CN 2-Oxazolidinone, 5-[[[4-[[4-amino-5-(2,6-dichlorobenzoyl)-2-thiazolyl]amino]phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



L19 ANSWER 24 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2004:507794 HCAPLUS <<LOGINID::20060908>>  
 DOCUMENT NUMBER: 141:54120  
 TITLE: Preparation of sphingomyelinase-inhibiting  
 sphingomyelin analogs and their intermediates  
 INVENTOR(S): Katsumura, Shigeo; Hakogi, Toshikazu; Taichi, Misako;  
 Monden, Yoshiko; Iwama, Seiji; Shigenari, Toshihiko  
 PATENT ASSIGNEE(S): Daiso Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 30 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004175735	A2	20040624	JP 2002-344914	20021128
PRIORITY APPLN. INFO.:			JP 2002-344914	20021128
OTHER SOURCE(S): MARPAT 141:54120				
IT 708295-71-0P 708295-72-1P				
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
(preparation of sphingomyelin analogs as sphingomyelinase inhibitors)				
RN 708295-71-0 HCAPLUS				
CN 2-Oxazolidinone, 5-(1-heptynyl)-4-[[ (phenylmethyl)thio]methyl]-, (4R)-(9CI) (CA INDEX NAME)				

Absolute stereochemistry.

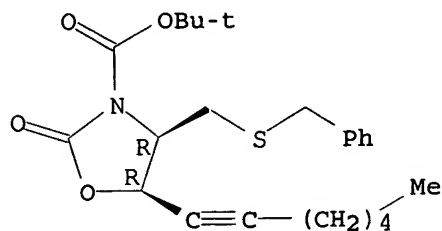


RN 708295-72-1 HCAPLUS



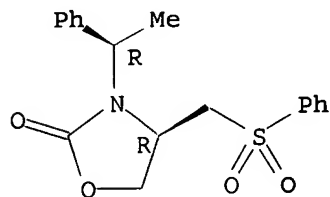
CN 3-Oxazolidinecarboxylic acid, 5-(1-heptynyl)-2-oxo-4-  
 [[(phenylmethyl)thio]methyl]-, 1,1-dimethylethyl ester, (4R,5R)- (9CI)  
 (CA INDEX NAME)

Absolute stereochemistry.



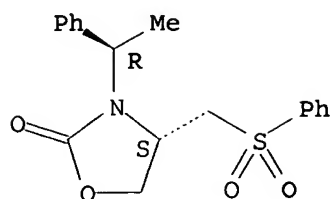
L19 ANSWER 25 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2004:498539 HCAPLUS <<LOGINID::20060908>>  
 DOCUMENT NUMBER: 141:190396  
 TITLE: Homochiral oxazolidin-2-ones and imidazolidin-2-ones  
 by tandem nucleophilic addition-conjugate addition  
 AUTHOR(S): Ciclosi, Marco; Fava, Cristiana; Galeazzi, Roberta;  
 Orena, Mario; Gonzalez-Rosende, Maria Eugenia;  
 Sepulveda-Arques, Jose  
 CORPORATE SOURCE: Dipartimento di Scienze dei Materiali e della Terra,  
 Universita Politecnica delle Marche, Ancona, I-60131,  
 Italy  
 SOURCE: Tetrahedron: Asymmetry (2004), 15(12), 1937-1943  
 CODEN: TASYE3; ISSN: 0957-4166  
 PUBLISHER: Elsevier Science B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 141:190396  
 IT 740836-93-5P 740836-94-6P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of homochiral oxazolidin-2-ones and imidazolidin-2-ones by  
 tandem nucleophilic addition-conjugate addition)  
 RN 740836-93-5 HCAPLUS  
 CN 2-Oxazolidinone, 3-[(1R)-1-phenylethyl]-4-[(phenylsulfonyl)methyl]-, (4R)-  
 (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 740836-94-6 HCAPLUS  
 CN 2-Oxazolidinone, 3-[(1R)-1-phenylethyl]-4-[(phenylsulfonyl)methyl]-, (4S)-  
 (9CI) (CA INDEX NAME)

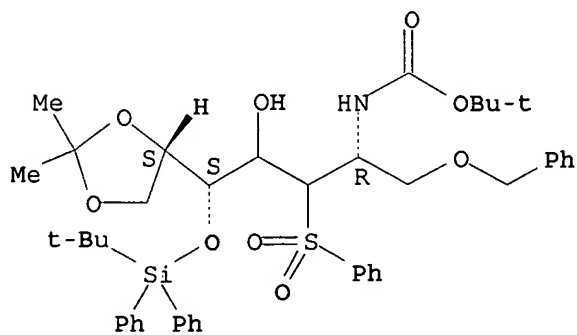
Absolute stereochemistry.



REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 26 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2004:479868 HCAPLUS <<LOGINID::20060908>>  
 DOCUMENT NUMBER: 141:174336  
 TITLE: Versatile Approach to Enantiopure 2,6-Disubstituted Piperidin-3-ol Framework: Application to the Total Synthesis of (+)-Deoxoprosopinine  
 AUTHOR(S): Wang, Qian; Sasaki, N. Andre  
 CORPORATE SOURCE: Institut de Chimie des Substances Naturelles, CNRS, Gif-sur-Yvette, 91198, Fr.  
 SOURCE: Journal of Organic Chemistry (2004), 69(14), 4767-4773  
 CODEN: JOCEAH; ISSN: 0022-3263  
 PUBLISHER: American Chemical Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 141:174336  
 IT 732276-05-0P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of (+)-deoxoprosopinine from a chiral alc. via Julia olefination, and an intramol. N-alkylation)  
 RN 732276-05-0 HCAPLUS  
 CN D-xylo-Heptitol, 5,6-dideoxy-6-[[[(1,1-dimethylethoxy)carbonyl]amino]-3-O-[(1,1-dimethylethyl)diphenylsilyl]-1,2-O-(1-methylethylidene)-7-O-(phenylmethyl)-5-(phenylsulfonyl)-, (4ξ,5ξ)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

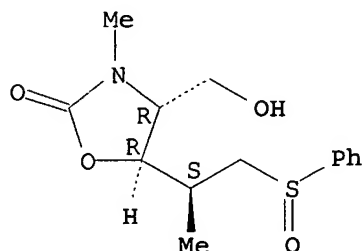


REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 27 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2004:189723 HCAPLUS <<LOGINID::20060908>>  
 DOCUMENT NUMBER: 140:407083  
 TITLE: Modular and stereoselective formal synthesis of MeBmt, an unusual amino acid constituent of cyclosporin A  
 AUTHOR(S): Raghavan, Sadagopan; Rasheed, M. Abdul

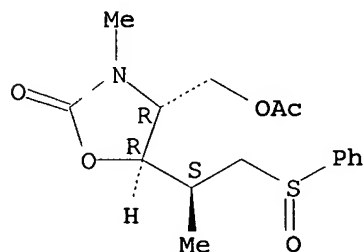
CORPORATE SOURCE: Organic Division I, Indian Institute of Chemical  
Technology, Hyderabad, 500 007, India  
SOURCE: Tetrahedron (2004), 60(13), 3059-3065  
CODEN: TETRAB; ISSN: 0040-4020  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 140:407083  
IT 689283-26-9P 689283-29-2P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(asym. synthesis of cyclosporin A fragment via regio- and  
stereoselective bromohydrate of double bond utilizing sulfinyl group  
as internal nucleophile)  
RN 689283-26-9 HCAPLUS  
CN 2-Oxazolidinone, 4-(hydroxymethyl)-3-methyl-5-[(1S)-1-methyl-2-  
(phenylsulfinyl)ethyl]-, (4R,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 689283-29-2 HCAPLUS  
CN 2-Oxazolidinone, 4-[(acetyloxy)methyl]-3-methyl-5-[(1S)-1-methyl-2-  
(phenylsulfinyl)ethyl]-, (4R,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 28 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1963:33208 HCAPLUS <<LOGINID::20060908>>  
DOCUMENT NUMBER: 58:33208  
ORIGINAL REFERENCE NO.: 58:5607g-h,5608a-d  
TITLE: Synthesis of dl-2-amino-3,3-dimethylbutyrolactone  
and bis-(dl-3-amino-3-carboxy-2,2-dimethylpropyl)  
disulfide Homologs of penicillamine and penicillamine  
disulfide  
AUTHOR(S): Kukolja, S.  
CORPORATE SOURCE: Pliva, Pharm. Chem. Works, Zagreb, Yugoslavia  
SOURCE: Tetrahedron (1962), 18, 1161-4

CODEN: TETRAB; ISSN: 0040-4020

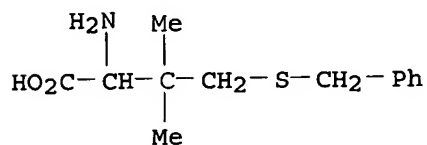
DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

IT 778524-58-6, Butyric acid, 2-amino-4-(benzylthio)-3,3-dimethyl-  
(preparation of)

RN 778524-58-6 HCAPLUS

CN Valine, 3-[[[(phenylmethyl)thio]methyl]- (9CI) (CA INDEX NAME)



L19 ANSWER 29 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1958:113247 HCAPLUS &lt;&lt;LOGINID::20060908&gt;&gt;

DOCUMENT NUMBER: 52:113247

ORIGINAL REFERENCE NO.: 52:19965g-i

TITLE: Contrast media. Preparation of  $\beta$ -(3-amino-2,4,6-

triiiodophenyl)propionic acid for cholecystography

AUTHOR(S): Scaglia, A.

CORPORATE SOURCE: Ist. Alexander Fleming, Milan

SOURCE: Bollettino Chimico Farmaceutico (1958), 97, 195-6

CODEN: BCFAAI; ISSN: 0006-6648

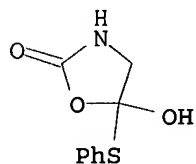
DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

IT 876506-49-9, 2-Oxazolidinone, 5-hydroxy-5-(phenylthio)-  
(derivs.)

RN 876506-49-9 HCAPLUS

CN 2-Oxazolidinone, 5-hydroxy-5-(phenylthio)- (6CI) (CA INDEX NAME)



L19 ANSWER 30 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1958:113246 HCAPLUS &lt;&lt;LOGINID::20060908&gt;&gt;

DOCUMENT NUMBER: 52:113246

ORIGINAL REFERENCE NO.: 52:19965e-g

TITLE: Acceleration of the splitting of S- $\alpha$ -aminoacyl  
compounds by bicarbonateAUTHOR(S): Wieland, Theodor; Lambert, Rudolf; Lang, Hans Ulrich;  
Schramm, Gunther

CORPORATE SOURCE: Univ. Frankfurt, Germany

SOURCE: Ann. (1955), 597, 181-95

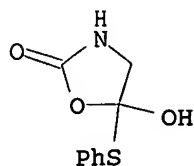
DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

IT 876506-49-9, 2-Oxazolidinone, 5-hydroxy-5-(phenylthio)-  
(derivs.)

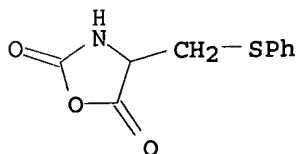
RN 876506-49-9 HCAPLUS

CN 2-Oxazolidinone, 5-hydroxy-5-(phenylthio)- (6CI) (CA INDEX NAME)

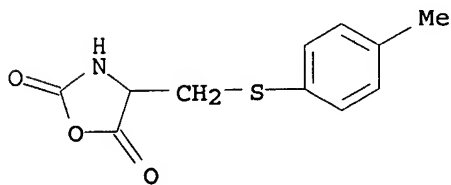


L19 ANSWER 31 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1955:84410 HCAPLUS  
 DOCUMENT NUMBER: 49:84410  
 ORIGINAL REFERENCE NO.: 49:15952a  
 TITLE: Amino acid anhydrides  
 INVENTOR(S): Richardson, Geo. A.  
 PATENT ASSIGNEE(S): Monsanto Chemical Co.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Unavailable  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	US 2716647		19550830	US 1952-301791	19520730
IT	872806-70-7, 2,5-Oxazolidinedione, 4-[(phenylthio)methyl]-				
	875226-38-3, 2,5-Oxazolidinedione, 4-(p-tolylthiomethyl)-				
	(preparation of)				
RN	872806-70-7 HCAPLUS				
CN	2,5-Oxazolidinedione, 4-[(phenylthio)methyl]- (5CI) (CA INDEX NAME)				



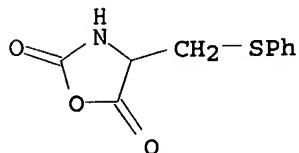
RN 875226-38-3 HCAPLUS  
 CN 2,5-Oxazolidinedione, 4-(p-tolylthiomethyl)- (5CI) (CA INDEX NAME)



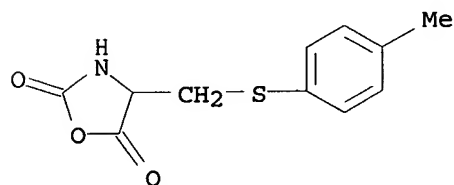
L19 ANSWER 32 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1955:84409 HCAPLUS  
 DOCUMENT NUMBER: 49:84409  
 ORIGINAL REFERENCE NO.: 49:15951f-i,15952a  
 TITLE: Amino acid anhydrides  
 INVENTOR(S): Richardson, Geo. A.  
 PATENT ASSIGNEE(S): Monsanto Chemical Co.  
 DOCUMENT TYPE: Patent

LANGUAGE: Unavailable  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	GB 717045		19541020	GB 1951-21264	19510910
IT	872806-70-7, 2,5-Oxazolidinedione, 4-[(phenylthio)methyl]-				
	875226-38-3, 2,5-Oxazolidinedione, 4-(p-tolylthiomethyl)-				
	(preparation of)				
RN	872806-70-7 HCAPLUS				
CN	2,5-Oxazolidinedione, 4-[(phenylthio)methyl]- (5CI) (CA INDEX NAME)				



RN 875226-38-3 HCAPLUS  
 CN 2,5-Oxazolidinedione, 4-(p-tolylthiomethyl)- (5CI) (CA INDEX NAME)



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 Desk by telephone or via SEND in the STNMAIL file.

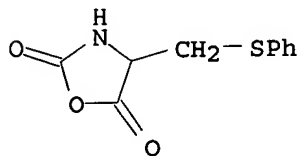
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=> d 119 ibib hitstr 32-49

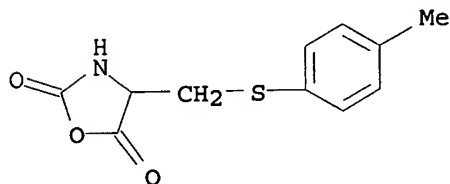
L19 ANSWER 32 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1955:84409 HCAPLUS  
 DOCUMENT NUMBER: 49:84409  
 ORIGINAL REFERENCE NO.: 49:15951f-i,15952a  
 TITLE: Amino acid anhydrides  
 INVENTOR(S): Richardson, Geo. A.  
 PATENT ASSIGNEE(S): Monsanto Chemical Co.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Unavailable  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	GB 717045		19541020	GB 1951-21264	19510910
IT	872806-70-7, 2,5-Oxazolidinedione, 4-[(phenylthio)methyl]-				
	875226-38-3, 2,5-Oxazolidinedione, 4-(p-tolylthiomethyl)-				
	(preparation of)				

RN 872806-70-7 HCAPLUS  
 CN 2,5-Oxazolidinedione, 4-[(phenylthio)methyl]- (5CI) (CA INDEX NAME)



RN 875226-38-3 HCAPLUS  
 CN 2,5-Oxazolidinedione, 4-(p-tolylthiomethyl)- (5CI) (CA INDEX NAME)



COMMAND INTERRUPTED

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=> d l19 ibib hitstr 33  
 COMMAND INTERRUPTED

If this message appears repeatedly, please notify the Help Desk.  
 Enter "HELP STN" for information on contacting the nearest STN Help Desk by telephone or via SEND in the STNMAIL file.

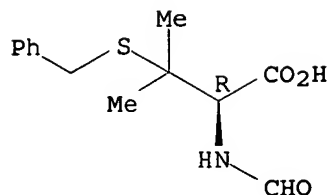
=> d l19 ibib hitstr 34

L19 ANSWER 34 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1951:44461 HCAPLUS  
 DOCUMENT NUMBER: 45:44461  
 ORIGINAL REFERENCE NO.: 45:7602a-d  
 TITLE: Alkaloid salts of N-formyl-S-benzyl-D-penicillamine  
 INVENTOR(S): Mozingo, Ralph; McPherson, James F.; Folkers, Karl  
 PATENT ASSIGNEE(S): Merck & Co., Inc.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Unavailable  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
	US 2539854		19510130	US 1946-684790	19460719
IT	884311-31-3, Valine, 3-(benzylthio)-N-formyl-, L- (and their alkaloid salts)				
RN	884311-31-3 HCAPLUS				
CN	Valine, 3-(benzylthio)-N-formyl-, L- (5CI) (CA INDEX NAME)				

Absolute stereochemistry.



=> fi

FI IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.  
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"HELP COMMANDS" at an arrow prompt (=>).

=> fil hcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

139.68

601.66

FILE 'HCAPLUS' ENTERED AT 15:57:10 ON 08 SEP 2006

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FILE COVERS 1907 - 8 Sep 2006 VOL 145 ISS 12

FILE LAST UPDATED: 7 Sep 2006 (20060907/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

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=> d his

(FILE 'HOME' ENTERED AT 14:49:42 ON 08 SEP 2006)

FILE 'REGISTRY' ENTERED AT 14:50:10 ON 08 SEP 2006

L1 STRUCTURE UPLOADED

L2 4 S L1 SSS SAM

L3 359 S L1 SSS FULL

FILE 'HCAPLUS' ENTERED AT 14:51:42 ON 08 SEP 2006

L4 338 S L3

L5 1 S L4 AND SULFANYL

FILE 'HOME' ENTERED AT 14:53:33 ON 08 SEP 2006



FILE 'HCAPLUS' ENTERED AT 14:54:08 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 14:54:46 ON 08 SEP 2006

FILE 'HCAPLUS' ENTERED AT 14:57:33 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 14:57:59 ON 08 SEP 2006

L6 1 S 618112-24-6/RN  
SET NOTICE 1 DISPLAY  
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 14:59:19 ON 08 SEP 2006

L7 STR 618112-24-6

L8 0 S L7 EXA SAM

L9 1 S 618112-24-6/RN

FILE 'USPATFULL' ENTERED AT 15:00:44 ON 08 SEP 2006

L10 1 S L9

FILE 'REGISTRY' ENTERED AT 15:02:05 ON 08 SEP 2006

SET TERMSET E#  
DEL SEL Y  
SEL L6 1 RN

L11 1 S E1/RN  
SET TERMSET LOGIN

FILE 'CA' ENTERED AT 15:02:10 ON 08 SEP 2006

L12 1 S L11

FILE 'HOME' ENTERED AT 15:03:33 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 15:04:34 ON 08 SEP 2006

FILE 'HOME' ENTERED AT 15:08:12 ON 08 SEP 2006

FILE 'HCAPLUS' ENTERED AT 15:23:28 ON 08 SEP 2006

L13 68 S L4 AND NORBORNENE

L14 12 S L3 AND MERCAPTO?

L15 3 S L4 AND SEX?

FILE 'HOME' ENTERED AT 15:30:27 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 15:52:23 ON 08 SEP 2006

L16 STRUCTURE UPLOADED

L17 1 S L16 SSS SAM

L18 295 S L16 SSS FULL

FILE 'HCAPLUS' ENTERED AT 15:53:40 ON 08 SEP 2006

L19 49 S L18

FILE 'HCAPLUS' ENTERED AT 15:57:10 ON 08 SEP 2006

=> d l19 ibib hitstr 33-49  
COMMAND INTERRUPTED

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Enter "HELP STN" for information on contacting the nearest STN Help  
Desk by telephone or via SEND in the STNMAIL file.

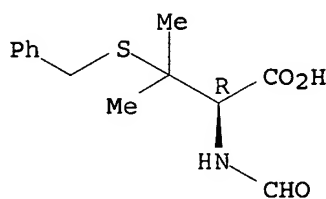
=> d l19 ibib hitstr 34

L19 ANSWER 34 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1951:44461 HCAPLUS  
DOCUMENT NUMBER: 45:44461

ORIGINAL REFERENCE NO.: 45:7602a-d  
TITLE: Alkaloid salts of N-formyl-S-benzyl-D-penicillamine  
INVENTOR(S): Mozingo, Ralph; McPherson, James F.; Folkers, Karl  
PATENT ASSIGNEE(S): Merck & Co., Inc.  
DOCUMENT TYPE: Patent  
LANGUAGE: Unavailable  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
	US 2539854		19510130	US 1946-684790	19460719
IT	884311-31-3, Valine, 3-(benzylthio)-N-formyl-, L-				
	(and their alkaloid salts)				
RN	884311-31-3 HCAPLUS				
CN	Valine, 3-(benzylthio)-N-formyl-, L- (5CI)			(CA INDEX NAME)	

Absolute stereochemistry.

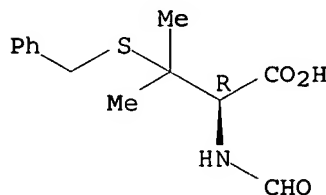


=> d l19 ibib hitstr 35-40

L19 ANSWER 35 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1951:44460 HCAPLUS  
DOCUMENT NUMBER: 45:44460  
ORIGINAL REFERENCE NO.: 45:7601g-i  
TITLE: Resolution of N-formyl-DL-penicillamine  
INVENTOR(S): du Vigneaud, Vincent; Holley, Robert W.  
DOCUMENT TYPE: Patent  
LANGUAGE: Unavailable  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

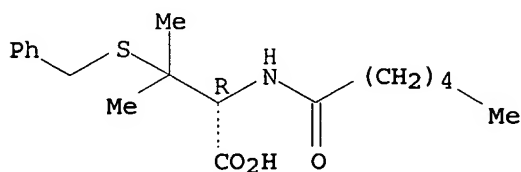
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	US 2543358		19510227	US	
IT	884311-31-3, Valine, 3-(benzylthio)-N-formyl-, L-				
	(preparation of)				
RN	884311-31-3 HCAPLUS				
CN	Valine, 3-(benzylthio)-N-formyl-, L- (5CI)			(CA INDEX NAME)	

Absolute stereochemistry.

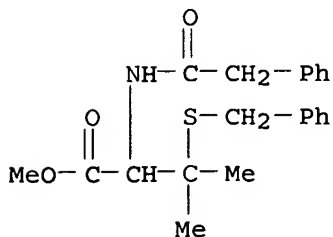


L19 ANSWER 36 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1951:36133 HCAPLUS <<LOGINID::20060908>>  
 DOCUMENT NUMBER: 45:36133  
 ORIGINAL REFERENCE NO.: 45:6186h-i,6187a-i,6188a  
 TITLE: The chemistry of n-amylnicillin up to December 1943  
 AUTHOR(S): Cook, A. H.; Heilbron, I. M.  
 CORPORATE SOURCE: Princeton Univ. Press  
 SOURCE: Chem. of Penicillin (1949) 38-51  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Unavailable  
 IT 882742-24-7, Valine, 3-(benzylthio)-N-hexanoyl-  
 (preparation of)  
 RN 882742-24-7 HCAPLUS  
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

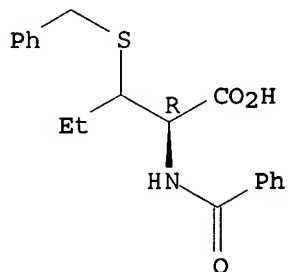


L19 ANSWER 37 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1950:49327 HCAPLUS <<LOGINID::20060908>>  
 DOCUMENT NUMBER: 44:49327  
 ORIGINAL REFERENCE NO.: 44:9435c-i,9436a-i,9437a-i,9438a-i,9439a-i,9440a-c  
 TITLE: Penicillamine, its analogs and homologs  
 AUTHOR(S): Crooks, Harry M., Jr.  
 CORPORATE SOURCE: Parke, Davis & Co., Detroit, MI  
 SOURCE: Chemistry of Penicillin (H. T. Clarke, et al.)  
 (Princeton Univ. Press) (1949) 455-72  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Unavailable  
 IT 859799-68-1, Phenaceturic acid,  $\alpha$ -[1-(benzylthio)-1-methylethyl]-, methyl ester 882741-83-5, Norvaline, N-benzoyl-3-(benzylthio)- 882742-24-7, Valine, 3-(benzylthio)-N-hexanoyl- 883878-77-1, Norvaline, 3-(benzylthio)- 884310-56-9, Valine, 3-(benzylthio)-N-chloroacetyl- 884310-61-6, Valine, N-benzoyl-3-(benzylthio)-, methyl ester  
 (preparation of)  
 RN 859799-68-1 HCAPLUS  
 CN Phenaceturic acid,  $\alpha$ -[1-(benzylthio)-1-methylethyl]-, methyl ester  
 (5CI) (CA INDEX NAME)



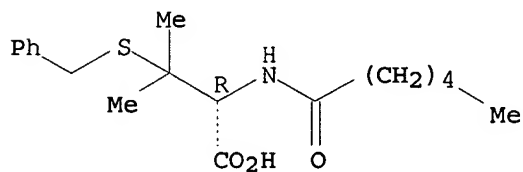
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CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



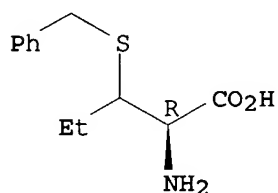
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CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



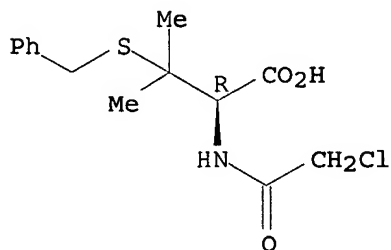
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CN Norvaline, 3-(benzylthio)- (5CI) (CA INDEX NAME)

Absolute stereochemistry.



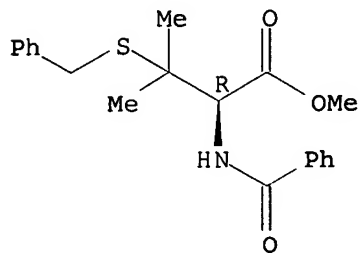
RN 884310-56-9 HCAPLUS  
CN Valine, 3-(benzylthio)-N-chloroacetyl- (5CI) (CA INDEX NAME)

Absolute stereochemistry.

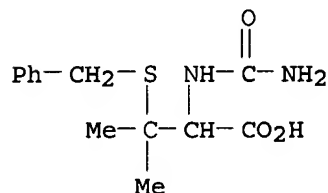


RN 884310-61-6 HCAPLUS  
 CN Valine, N-benzoyl-3-(benzylthio)-, methyl ester (5CI) (CA INDEX NAME)

Absolute stereochemistry.

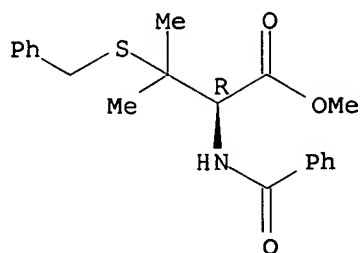


L19 ANSWER 38 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1950:12603 HCAPLUS <<LOGINID::20060908>>  
 DOCUMENT NUMBER: 44:12603  
 ORIGINAL REFERENCE NO.: 44:2513b-g  
 TITLE: Penicillin. VIII. Desulfurization and racemization of  
 some penicillin derivatives  
 AUTHOR(S): Tatsuoka, Sueo; Miyamoto, Masuo  
 SOURCE: Yakugaku Zasshi (1949), 69, 294-7  
 CODEN: YKKZAJ; ISSN: 0031-6903  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Unavailable  
 IT 860254-25-7, Hydantoic acid, 2-[1-(benzylthio)-1-methylethyl]-  
 (preparation of)  
 RN 860254-25-7 HCAPLUS  
 CN Hydantoic acid, 2-[1-(benzylthio)-1-methylethyl]- (5CI) (CA INDEX NAME)



L19 ANSWER 39 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1950:12602 HCAPLUS <<LOGINID::20060908>>  
 DOCUMENT NUMBER: 44:12602  
 ORIGINAL REFERENCE NO.: 44:2512f-i,2513a-b  
 TITLE: Penicillin. VII. Further syntheses of penicillamine  
 AUTHOR(S): Tatsuoka, Sueo; Ueno, Takenobu; Kinoshita, Tomoji  
 SOURCE: Yakugaku Zasshi (1949), 69, 291-4  
 CODEN: YKKZAJ; ISSN: 0031-6903  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Unavailable  
 IT 884310-61-6, Valine, N-benzoyl-3-(benzylthio)-, methyl ester  
 (preparation of)  
 RN 884310-61-6 HCAPLUS  
 CN Valine, N-benzoyl-3-(benzylthio)-, methyl ester (5CI) (CA INDEX NAME)

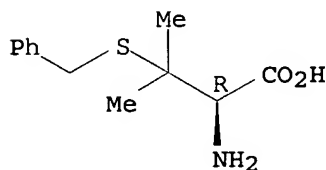
Absolute stereochemistry.



L19 ANSWER 40 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1950:763 HCAPLUS  
 DOCUMENT NUMBER: 44:763  
 ORIGINAL REFERENCE NO.: 44:171e-h  
 TITLE: Preparing penicillamines  
 INVENTOR(S): Sheehan, John C.; Tishler, Max  
 PATENT ASSIGNEE(S): Merck & Co., Inc.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Unavailable  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	US 2477149		19490726	US 1947-725148	19470129
IT	882742-28-1, Valine, 3-(benzylthio)-, hydrobromide (preparation of)				
RN	882742-28-1 HCAPLUS				
CN	INDEX NAME NOT YET ASSIGNED				

Absolute stereochemistry.



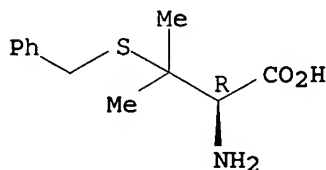
● HBr

=> d l19 ibib hitstr 40-49

L19 ANSWER 40 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1950:763 HCAPLUS  
 DOCUMENT NUMBER: 44:763  
 ORIGINAL REFERENCE NO.: 44:171e-h  
 TITLE: Preparing penicillamines  
 INVENTOR(S): Sheehan, John C.; Tishler, Max  
 PATENT ASSIGNEE(S): Merck & Co., Inc.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Unavailable  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	US 2477149		19490726	US 1947-725148	19470129
IT	882742-28-1, Valine, 3-(benzylthio)-, hydrobromide (preparation of)				
RN	882742-28-1 HCAPLUS				
CN	INDEX NAME NOT YET ASSIGNED				

Absolute stereochemistry.

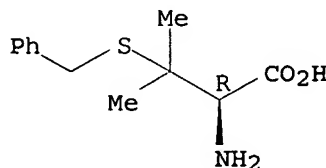


● HBr

L19 ANSWER 41 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1950:762 HCAPLUS  
DOCUMENT NUMBER: 44:762  
ORIGINAL REFERENCE NO.: 44:171c-e  
TITLE: 2-Alkyl-5,5-dimethyl-2-thiazoline-4-carboxylic acids  
INVENTOR(S): Sheehan, John C.; Mazingo, Ralph; Folkers, Karl;  
Tishler, Max  
PATENT ASSIGNEE(S): Merck & Co., Inc.  
DOCUMENT TYPE: Patent  
LANGUAGE: Unavailable  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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RN	882742-28-1 HCAPLUS				
CN	INDEX NAME NOT YET ASSIGNED				

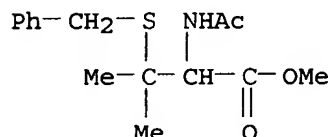
Absolute stereochemistry.



● HBr

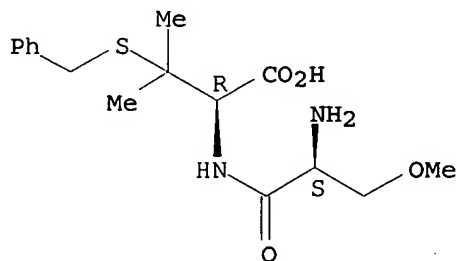
L19 ANSWER 42 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1949:49621 HCAPLUS <<LOGINID::20060908>>  
DOCUMENT NUMBER: 43:49621

ORIGINAL REFERENCE NO.: 43:8891f-i,8892a-h  
 TITLE: Infrared spectroscopic studies of penicillin  
 AUTHOR(S): Thompson, H. W.; Brattain, R. R.; Randall, H. M.;  
 Rasmussen, R. S.  
 SOURCE: Chemistry of Penicillin (H. T. Clarke, et al.)  
 (Princeton Univ. Press) (1949) 382-414  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Unavailable  
 IT 879553-98-7, Penicillamine, S-benzyl-N-acetyl-, DL-, Me ester  
 (spectrum of)  
 RN 879553-98-7 HCAPLUS  
 CN Valine, N-acetyl-3-(benzylthio)-, DL-, Me ester (5CI) (CA INDEX NAME)



L19 ANSWER 43 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1949:25050 HCAPLUS <<LOGINID::20060908>>  
 DOCUMENT NUMBER: 43:25050  
 ORIGINAL REFERENCE NO.: 43:4668i,4669a-f  
 TITLE: Action of hydrazine hydrate on oxazolones  
 AUTHOR(S): Stodola, Frank H.  
 SOURCE: Journal of Organic Chemistry (1948), 13, 757-62  
 CODEN: JOCEAH; ISSN: 0022-3263  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Unavailable  
 IT 882742-21-4, Valine, 3-(benzylthio)-N-3-methoxyalanyl-  
 882742-32-7, Valine, N-alanyl-3-(benzylthio)- 884311-29-9  
 , Valine, 3-(benzylthio)-N-[α-(methoxymethyl)phenacetuoyl]-  
 (preparation of)  
 RN 882742-21-4 HCAPLUS  
 CN INDEX NAME NOT YET ASSIGNED

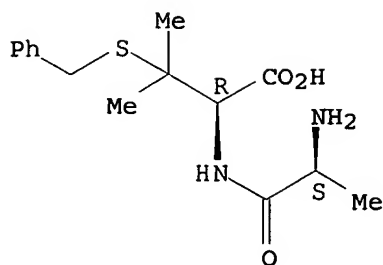
Relative stereochemistry.



RN 882742-32-7 HCAPLUS  
 CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.

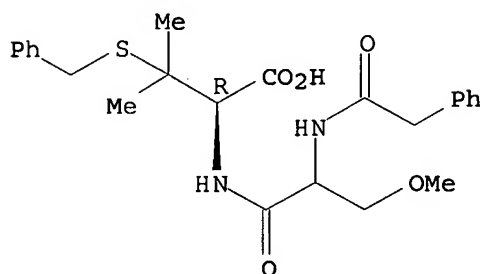




RN 884311-29-9 HCAPLUS

CN Valine, 3-(benzylthio)-N-[alpha-(methoxymethyl)phenaceturoyl]- (5CI)  
(CA INDEX NAME)

Absolute stereochemistry.



L19 ANSWER 44 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1949:25049 HCAPLUS <<LOGINID::20060908>>

DOCUMENT NUMBER: 43:25049

ORIGINAL REFERENCE NO.: 43:4667e-i,4668a-i

TITLE: Syntheses in the penicillin series. II. Attempts to synthesize the penicillin framework

AUTHOR(S): Sus, Oskar

SOURCE: Ann. (1948), 561, 31-46

DOCUMENT TYPE: Journal

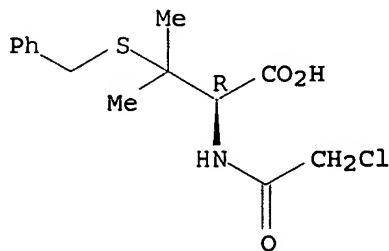
LANGUAGE: Unavailable

IT 884310-56-9, Valine, 3-(benzylthio)-N-chloroacetyl-  
(and derivs.)

RN 884310-56-9 HCAPLUS

CN Valine, 3-(benzylthio)-N-chloroacetyl- (5CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 882742-21-4, Valine, 3-(benzylthio)-N-3-methoxyalanyl-

882742-32-7, Valine, N-alanyl-3-(benzylthio)- 884311-29-9

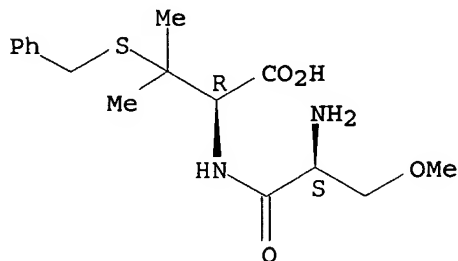
, Valine, 3-(benzylthio)-N-[alpha-(methoxymethyl)phenaceturoyl]-

(preparation of)

RN 882742-21-4 HCAPLUS

CN INDEX NAME NOT YET ASSIGNED

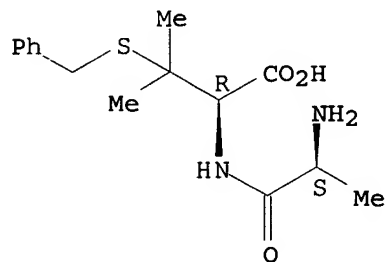
Relative stereochemistry.



RN 882742-32-7 HCAPLUS

CN INDEX NAME NOT YET ASSIGNED

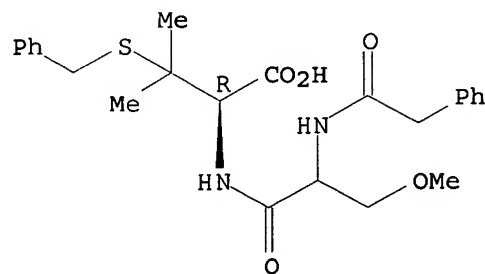
Relative stereochemistry.



RN 884311-29-9 HCAPLUS

CN Valine, 3-(benzylthio)-N-[α-(methoxymethyl)phenaceturoyl]- (5CI)  
(CA INDEX NAME)

Absolute stereochemistry.



L19 ANSWER 45 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1949:13177 HCAPLUS &lt;&lt;LOGINID::20060908&gt;&gt;

DOCUMENT NUMBER: 43:13177

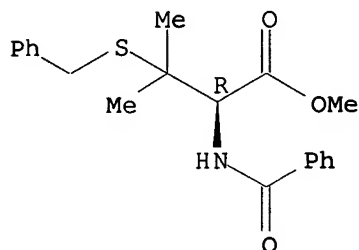
ORIGINAL REFERENCE NO.: 43:2618c-d

TITLE: Synthetic studies on penicillin. I. Synthesis of  
dl-S-benzyl-N-benzoylpenicillamineAUTHOR(S): Tatsuoko, Sueo; Miyamoto, Masuo; Shiu, Rin; Tamura,  
Takashi

SOURCE: J. Penicillin (Japan) (1947), 1, 382-3

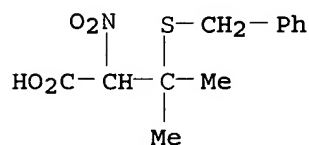
DOCUMENT TYPE: Journal  
 LANGUAGE: Unavailable  
 IT 884310-61-6, Penicillamine, S-benzyl-N-benzoyl-, methyl ester  
 (preparation of)  
 RN 884310-61-6 HCAPLUS  
 CN Valine, N-benzoyl-3-(benzylthio)-, methyl ester (5CI) (CA INDEX NAME)

Absolute stereochemistry.



L19 ANSWER 46 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1949:8436 HCAPLUS  
 DOCUMENT NUMBER: 43:8436  
 ORIGINAL REFERENCE NO.: 43:1796f-h  
 TITLE: Esters of  $\beta$ -(benzylmercapto)valine and  
 derivatives and intermediates thereof  
 PATENT ASSIGNEE(S): American Cyanamid Co.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Unavailable  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

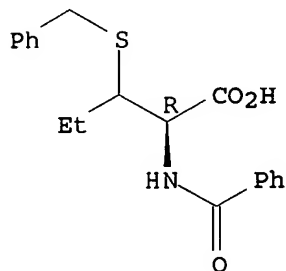
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	GB 609722		19481006	GB	
IT	854430-74-3, Butyric acid, 3-(benzylthio)-3-methyl-2-nitro-				
	(esters)				
RN	854430-74-3 HCAPLUS				
CN	Butyric acid, 3-(benzylthio)-3-methyl-2-nitro- (5CI) (CA INDEX NAME)				



L19 ANSWER 47 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1948:10258 HCAPLUS <<LOGINID::20060908>>  
 DOCUMENT NUMBER: 42:10258  
 ORIGINAL REFERENCE NO.: 42:2234h-i,2235a  
 TITLE:  $\alpha$ -Amino- $\beta$ -mercaptovaleric acid  
 hydrochloride  
 AUTHOR(S): Corse, Joseph; Kleiderer, E. C.; Soper, Quentin F.  
 CORPORATE SOURCE: Eli Lilly & Co., Indianapolis, IN  
 SOURCE: Journal of the American Chemical Society (1948), 70,  
 438-9  
 CODEN: JACSAT; ISSN: 0002-7863  
 DOCUMENT TYPE: Journal

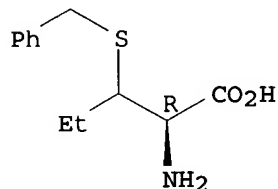
LANGUAGE: Unavailable  
IT 882741-83-5, Norvaline, N-benzoyl-3-(benzylthio)-  
883878-77-1, Norvaline, 3-(benzylthio)-  
(preparation of)  
RN 882741-83-5 HCAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



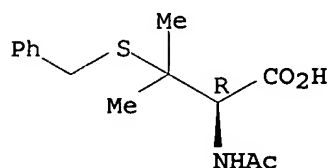
RN 883878-77-1 HCAPLUS  
CN Norvaline, 3-(benzylthio)- (5CI) (CA INDEX NAME)

Absolute stereochemistry.



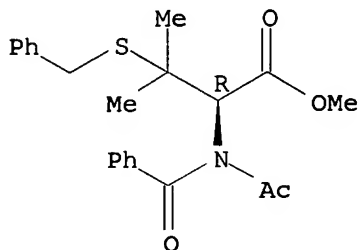
L19 ANSWER 48 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1946:31122 HCAPLUS <<LOGINID::20060908>>  
DOCUMENT NUMBER: 40:31122  
ORIGINAL REFERENCE NO.: 40:6054d-i,6055a-b  
TITLE: Synthesis of a new  $\alpha$ -amino acid,  
S-methyl- $\beta,\beta$ -dimethylcysteine  
AUTHOR(S): Savard, Kenneth; Richardson, Edwin M.; Grant, Gordon  
A.  
CORPORATE SOURCE: Ayerst, McKenna and Harrison Ltd., Montreal, QC  
SOURCE: Can. J. Research (1946), 24B, 28-36  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable  
IT 898814-92-1, Valine N-acetyl-,  $\beta$ -(benzylmercapto)-  
(and derivs.)  
RN 898814-92-1 HCAPLUS  
CN Valine N-acetyl-,  $\beta$ -(benzylmercapto)- (4CI) (CA INDEX NAME)

Absolute stereochemistry.

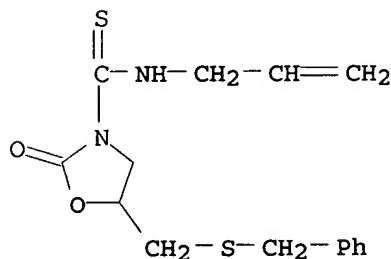


IT 898814-98-7, Valine N-acetyl-, N-benzoyl- $\beta$ -(benzylmercapto)-, Me ester  
(preparation of)  
RN 898814-98-7 HCAPLUS  
CN Valine N-acetyl-, N-benzoyl- $\beta$ -(benzylmercapto)-, Me ester (4CI) (CA INDEX NAME)

Absolute stereochemistry.



L19 ANSWER 49 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1929:18525 HCAPLUS <<LOGINID::20060908>>  
DOCUMENT NUMBER: 23:18525  
ORIGINAL REFERENCE NO.: 23:2177a-i,2178a-c  
TITLE: Tautomerism of some heterocyclic compounds  
AUTHOR(S): Fromm, Emil; Kapelleradler, Regine; Friedenthal, W.; Stangel, L.; Edlitz, J.; Braumann, E.; Nussbaum, J.  
CORPORATE SOURCE: Lab. med. Chemie zu Wien  
SOURCE: Ann. (1928), 467, 240-74  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable  
IT 856336-85-1, 2-Oxazolidone, 3-(allylthiocarbamyl)-5-(benzylmercaptomethyl)- 858016-99-6, 2-Oxazolidone, 5-(benzylmercaptomethyl)-3-(phenylthiocarbamyl)- (preparation of)  
RN 856336-85-1 HCAPLUS  
CN 2-Oxazolidone, 3-(allylthiocarbamyl)-5-(benzylmercaptomethyl)- (3CI) (CA INDEX NAME)



RN 858016-99-6 HCAPLUS  
CN 2-Oxazolidone, 5-(benzylmercaptomethyl)-3-(phenylthiocarbamyl)- (3CI) (CA INDEX NAME)

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L2 4 S L1 SSS SAM  
L3 359 S L1 SSS FULL

FILE 'HCAPLUS' ENTERED AT 14:51:42 ON 08 SEP 2006  
L4 338 S L3  
L5 1 S L4 AND SULFANYL

FILE 'HOME' ENTERED AT 14:53:33 ON 08 SEP 2006

FILE 'HCAPLUS' ENTERED AT 14:54:08 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 14:54:46 ON 08 SEP 2006

FILE 'HCAPLUS' ENTERED AT 14:57:33 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 14:57:59 ON 08 SEP 2006  
L6 1 S 618112-24-6/RN  
SET NOTICE 1 DISPLAY  
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 14:59:19 ON 08 SEP 2006  
L7 STR 618112-24-6  
L8 0 S L7 EXA SAM  
L9 1 S 618112-24-6/RN

FILE 'USPATFULL' ENTERED AT 15:00:44 ON 08 SEP 2006  
L10 1 S L9

FILE 'REGISTRY' ENTERED AT 15:02:05 ON 08 SEP 2006  
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DEL SEL Y  
SEL L6 1 RN  
L11 1 S E1/RN  
SET TERMSET LOGIN

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FILE 'REGISTRY' ENTERED AT 15:04:34 ON 08 SEP 2006

FILE 'HOME' ENTERED AT 15:08:12 ON 08 SEP 2006

FILE 'HCAPLUS' ENTERED AT 15:23:28 ON 08 SEP 2006  
L13 68 S L4 AND NORBORNENE  
L14 12 S L3 AND MERCAPTO?  
L15 3 S L4 AND SEX?

FILE 'HOME' ENTERED AT 15:30:27 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 15:52:23 ON 08 SEP 2006  
L16 STRUCTURE UPLOADED  
L17 1 S L16 SSS SAM  
L18 295 S L16 SSS FULL

FILE 'HCAPLUS' ENTERED AT 15:53:40 ON 08 SEP 2006